

COMPRESSION TEST FIXTURE

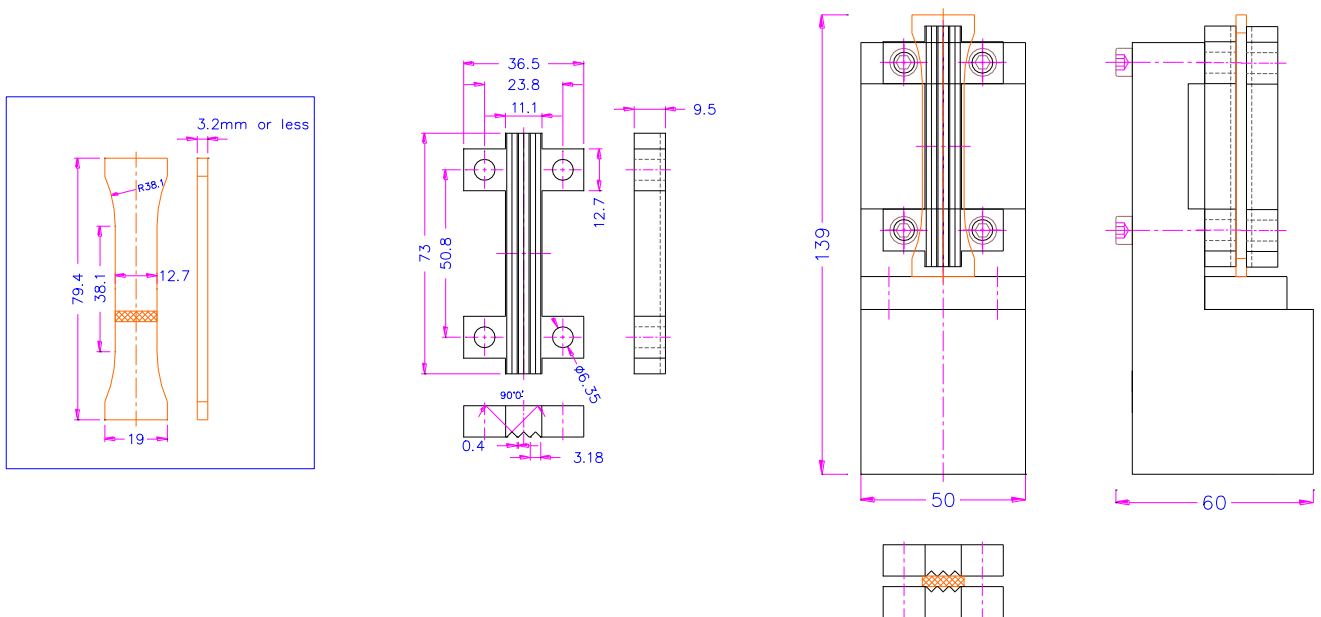
to determine compressive strength and compressive modulus of plastic or composite specimens according to ASTM D695-Fig.4, ASTM D3846, EN 2850, ISO 14126, GOST 9550-81, SACMA-SRM1

- Max. load: 100 kN
- Body: Steel, nickel-plated
- Standard temperature range: -70 ... +280°C
Further temperature ranges on request
- Weight: 1.9 kg per fixture
- Scope of delivery: 1 fixture.
Lower and upper compression platens are needed for the test (not included in the price).



Standard	Sample length	Sample thickness (incl. tabs)	Effective length	Strain gauge gap	Ordering no.
ASTM D695-Fig.4	79.4 mm (3.13 in)	≤3.2 mm (≤0.13 in)	73 mm (2.87 in)	No	THS793-ASTM-D695
EN 2850-C-B1	75 - 80 mm (2.95 - 3.15 in)	4.5 - 6 mm incl. tabs (0.18 - 0.24 in)	70 mm (2.76 in)	No	THS793-EN2850-C-B1
EN 2850-C-B2	75 - 80 mm (2.95 - 3.15 in)	2.0 mm (0.08 in)	70 mm (2.76 in)	Yes	THS793-EN2850-C-B2
ASTM D3846	79.5 mm (3.13 in)	2.54 - 6.6 mm (0.1 - 0.26 in)	73 mm (2.87 in)	No	THS793-ASTM-D3846
ISO 14126	75 - 80 mm (2.95 - 3.15 in)	4.5 - 6 mm (0.18 - 0.24 in)	70 mm (2.76 in)	No	THS793-ISO14126
GOST 9550-81	80 mm (3.15 in)	<5 mm (<0.20 in)	75 mm (2.95 in)	No	THS793-GOST9550-81
SACMA-SRM1-Fig.1	80 mm (3.15 in)	1.02 and 3.05 mm (0.04 and 0.12 in)	73 mm (2.87 in)	Yes	THS793-SACMA-SRM1-1
SACMA-SRM1-Fig.2	80 mm (3.15 in)	5.6 and 7.63 mm incl. tabs (0.22 and 0.30 in)	73 mm (2.87 in)	No	THS793-SACMA-SRM1-2

Example:
THS793 according to ASTM D695-Fig.4



THS793-ASTM-D695

Recommendations for upper and lower platens:

Upper platen



Item no.: THS223g-96-St.
96 mm Ø. Steel, nickel-plated

Lower platen



Item no.: TH23-116-St.
116 mm Ø. Steel, nickel-plated